# MARITIME CONTINENT MONSOON TIME SCALE

**(Basics of the Maritime Continent Monsoon Time Scale)**

**By**

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## ABSTRACT:

**The Maritime Continent is situated between the Asian and Australian summer monsoon, with monsoon rainfall generally peaking during boreal winter. The season asymmetries are geographically complex and reflect multiscale interactions. The complex topography of the Maritime Continent region leads wind terrain interactions that cause variations in the weather and climate on all scales, while differential Land-Sea contracts lead to pronounced diurnal Land-Sea breeze circulations.**

**The Maritime Continent experiences a marked seasonal cycle in precipitation characteristic of a monsoon climate, especially south of the equator with the principal rainy season centered on December, January and February and dry season peaking in July-August.**

## KEY WORDS:

**Maritime Continent Monsoon, Indian monsoon Time Scale, Chronological sequence, Main path of the Indian Monsoon Astrogeophysical/Astrometeorological Phenomena.**

## INTRODUCTION:

**The Maritime Continent Monsoon Time Scale is a Chronological sequence of events arranged in between time and weather with the help of a scale for studying the past, present and future movements of the Maritime Continent Monsoon and its relationship with rainfall and other weather problems and natural calamities.**

## PREPARATION OF THE SCALE:

**Prepare the Maritime Continent Monsoon Time Scale having 365 horizontal days from March 21$^{st}$ to next year March 20$^{th}$ (or 1$^{st}$ April to next year March 31$^{st}$ or according to convenience) for a required period comprising of a large time and weather have been taken and framed into a Square graphic scale, or 2, or 4 parts later the parts may be combined with pasting.**

## DATA REQUIRED FOR THE SCALE:

**The main Weather events of the monsoon season if any pertaining to the monsoon season may be taken to formulating the Maritime Continent Monsoon Time Scale.**

## PERFORMANCE OF THE SCALE:

**Prepare the Maritime Continent Monsoon Time Scale having 365 horizontal days from March 21$^{st}$ to next year March 20$^{th}$ (or 1$^{st}$ April to Next Year March 31$^{st}$ or according to convince) for a required period comprising of a Large time and weather have been taken and framed into a square graphic Scale . The Scale may be prepared either in a single from, or 2,or 4 parts later the parts should be combined with pasting. The main weather events if any pertaining to the monsoon season of the region have been entering on the scale as per the date and month of the each and every year. If we have been managing the Maritime Continent Monsoon Time Scale in this manner continuously we can study the past, present and future movements of the Maritime Continent Monsoon and its relationship with weather problems and Natural calamities of the monsoon.**

## SAMPLE MODEL SCALE:

**For example, I have prepared the monsoon time scale for India by preparing the scale having 365 horizontal days from 1$^{st}$ April to next year March 31$^{st}$ of 128 years from 1888 to 2016 of the required period comprising of large**

**time and weather have been taken and framed into a square graphic scale. The monsoon pulses in the form of low pressure systems over the Indian region have been entering on the scale in stages by 1 for low, 2 for depression, 3 for storm, 4 for severe storm and 5 for severe storm with core of hurricane winds pertaining to the date and month of the each and every year. If we have been managing the scale in this manner continuously, we can study the past' present's and future's of the India Monsoon and its relationship with rainfall and other weather problems & natural calamities in India.**

**ANALYSIS:**

**The India Monsoon Time Scale reveals many secrets of the Indian monsoon and its relationship with rainfall & other weather problems and natural calamities. For example, some bands, clusters and paths of low pressure systems along with the main paths of the Indian Monsoon (South-west monsoon and north-east monsoon) clearly seen in the map of the Indian monsoon it have been some cut-edged paths passing through its systematic zigzag cycles in ascending and descending orders which causes heavy rains & floods in some years and droughts & famines in another years according to their travel. . The tracking date of main path & other various paths such as south-west monsoon and north-east monsoon etc., of the Indian Monsoon denotes the onset of the monsoon, monsoon pulses or low pressure systems. And also we can find out many more secrets of the Indian monsoon such as droughts, famines, cyclones, heavy rains, floods, real images of the Indian monsoon, and onset & withdrawals of south west monsoon and north-east monsoon etc. by keen study of the Indian Monsoon Time Scale.**

**MEASURING OF THE MONSOON:**

**For example, during 1871-1990's, the main path of the Indian Monsoon was rising over June, July, August and creating heavy rains and floods in most years. During 1900-1920's, it was raising over August, September and resulting good rainfall in more years. During 1965-2004's it was falling over September and causing low rainfall and droughts in many years. At present it is rising upwards over June, July, August, September and will be resulting heavy rains & floods in coming years during 2004-2060. The tracking date of main path & other various paths such as south-west monsoon and north-east monsoon etc., of the Indian Monsoon denotes the onset of the monsoon, monsoon pulses or low pressure systems. And also we can find out many more secrets of the Indian monsoon such as droughts, famines, cyclones, heavy rains, floods, real images of the Indian monsoon, and onset & withdrawals of south west monsoon and north-east monsoon etc. by keen study of the Indian Monsoon Time Scale.**

**PRINCIPLE:**

**This is an Astrogeophysical/Astrometeorological phenomenon of effects of astronomical bodies and forces on the earth's geophysical atmosphere. The cause is unknown however the year to year change of movement of axis of the earth inclined at 23½ degrees from vertical to its path around the sun does play a significant role in formation of clusters, bands & paths of the Indian Monsoon and stimulates the Indian weather. The inter-tropical convergence zone at the equator follows the movement of the sun and shifts north of the equator merges with the heat low pressure zone created by the rising heat of the sub-continent due to direct and converging rays of the summer sun on the India Sub-Continent and develops into the monsoon trough and maintain monsoon circulation.**

## PHYSICAL APPEARANCE:

**It is came to known in my researches that the Maritime Continent Monsoon has a special physical appearance just as the Indian Monsoon.**

## MEASURES OF THE EUROPEAN MONSOON:

**It is came to known in my researches that the Maritime Continent Monsoon having some peculiar measures just as identified in the Indian Monsoon.**

**CONCLUSIONS:**

**The world Scientist hereby requested to continue the further researches on the Maritime Continent Monsoon Time Scale and find out the mysteries of the Maritime Continent Monsoon. we can make many more modifications thus bringing many more developments in the Maritime Continent Monsoon Time Scale.**

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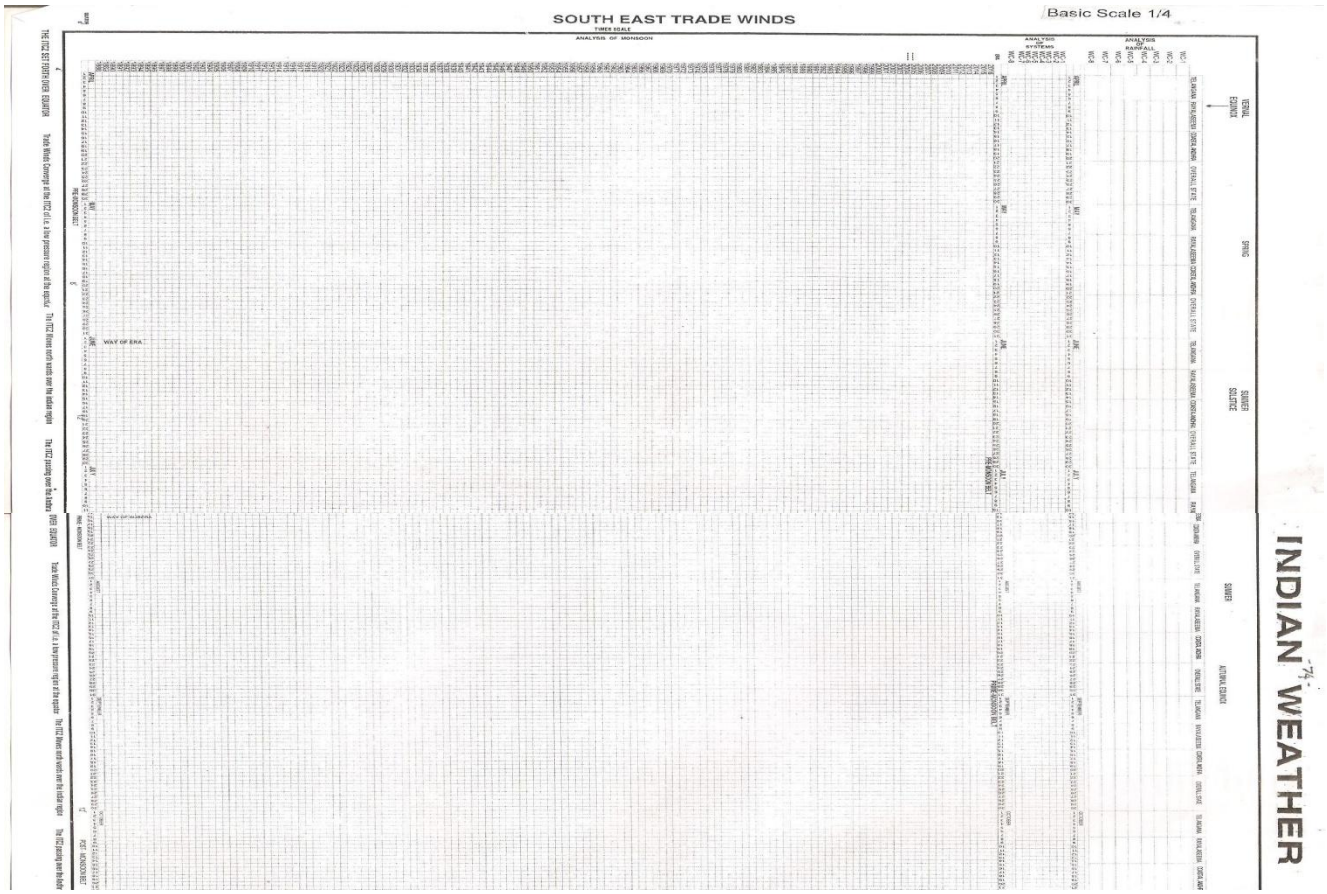
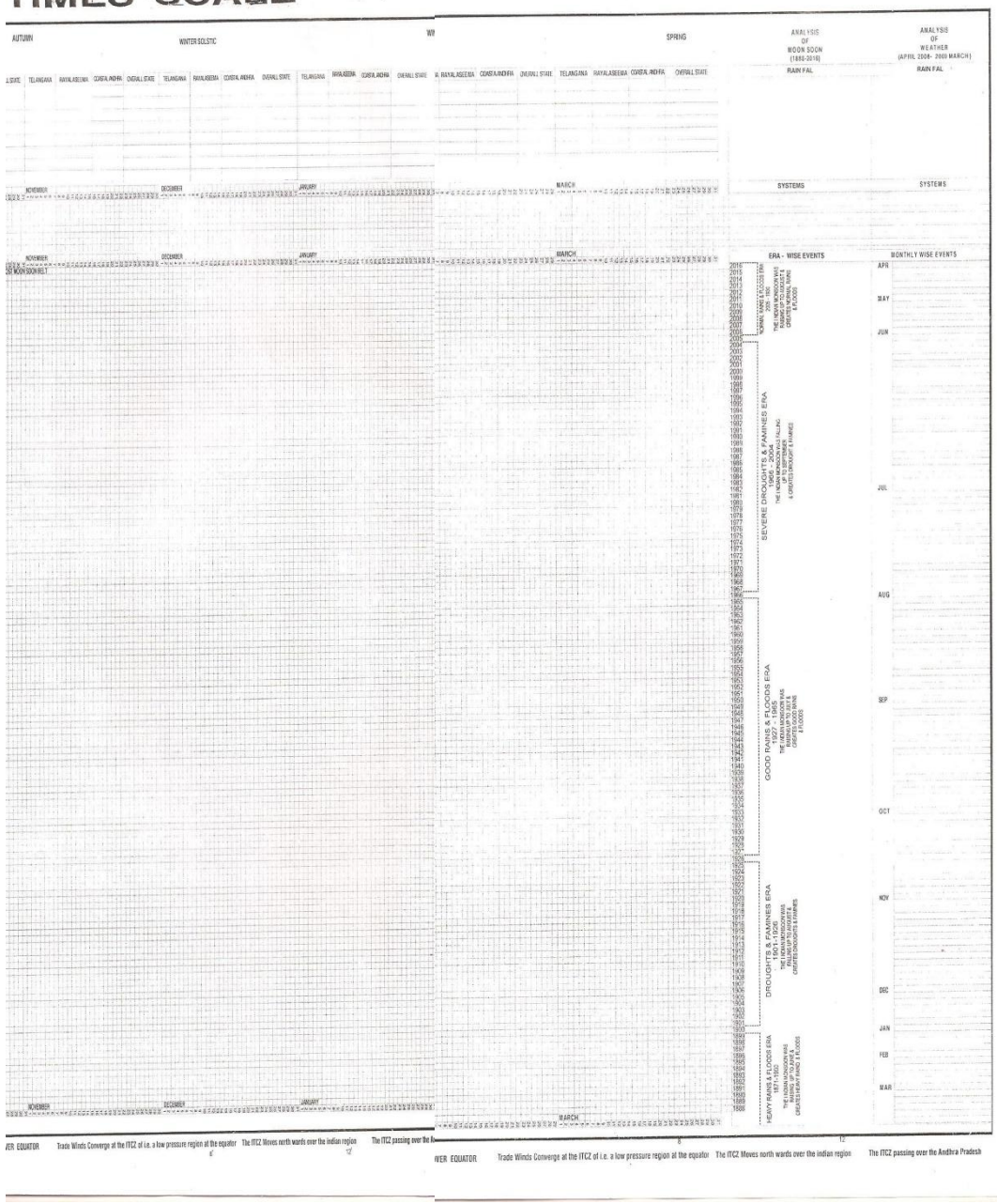
**APPENDICES:**



# TIMES SCALE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ANALYSIS OF MOON SOON (1885-2016)
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ERA - WISE EVENTS
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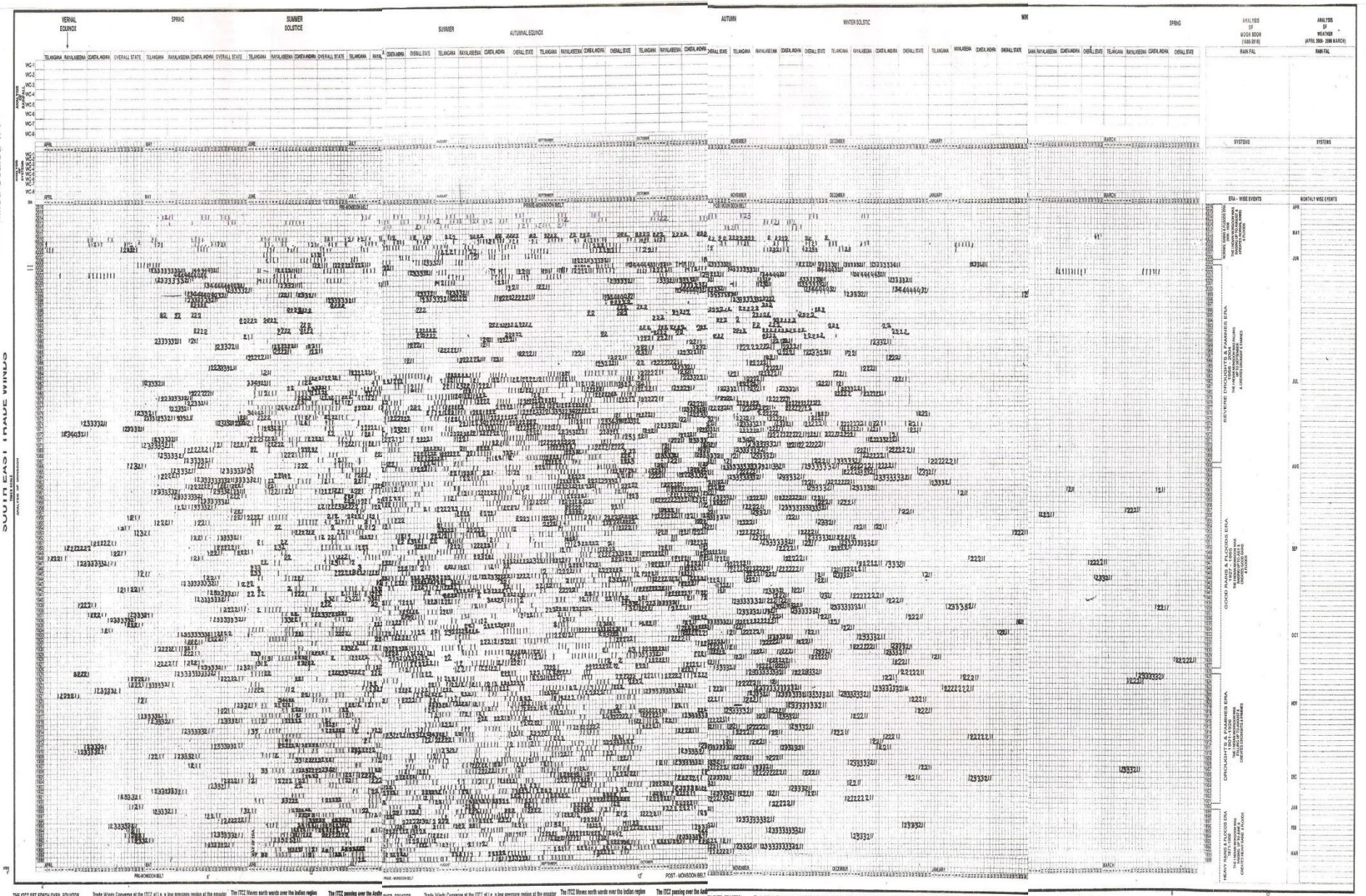
SEVERE DROUGHTS & FAMINES ERA
1965 - 2004
GOOD RAINS & FLOODS ERA
1917 - 1965
DROUGHTS & FAMINES ERA
1901 - 1917
HEAVY RAINS & FLOODS ERA
1885 - 1901
THE INDIAN MONSOON WAS RESPONSIBLE FOR CREATES FLOODS & FAMINES
THE ITCZ Moves north wards over the indian region
The ITCZ passing over the Andhra Pradesh
IVER EQUATOR
Trade Winds Converge at the ITCZ of i.e. a low pressure region at the equator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POST-MONSOON BELT
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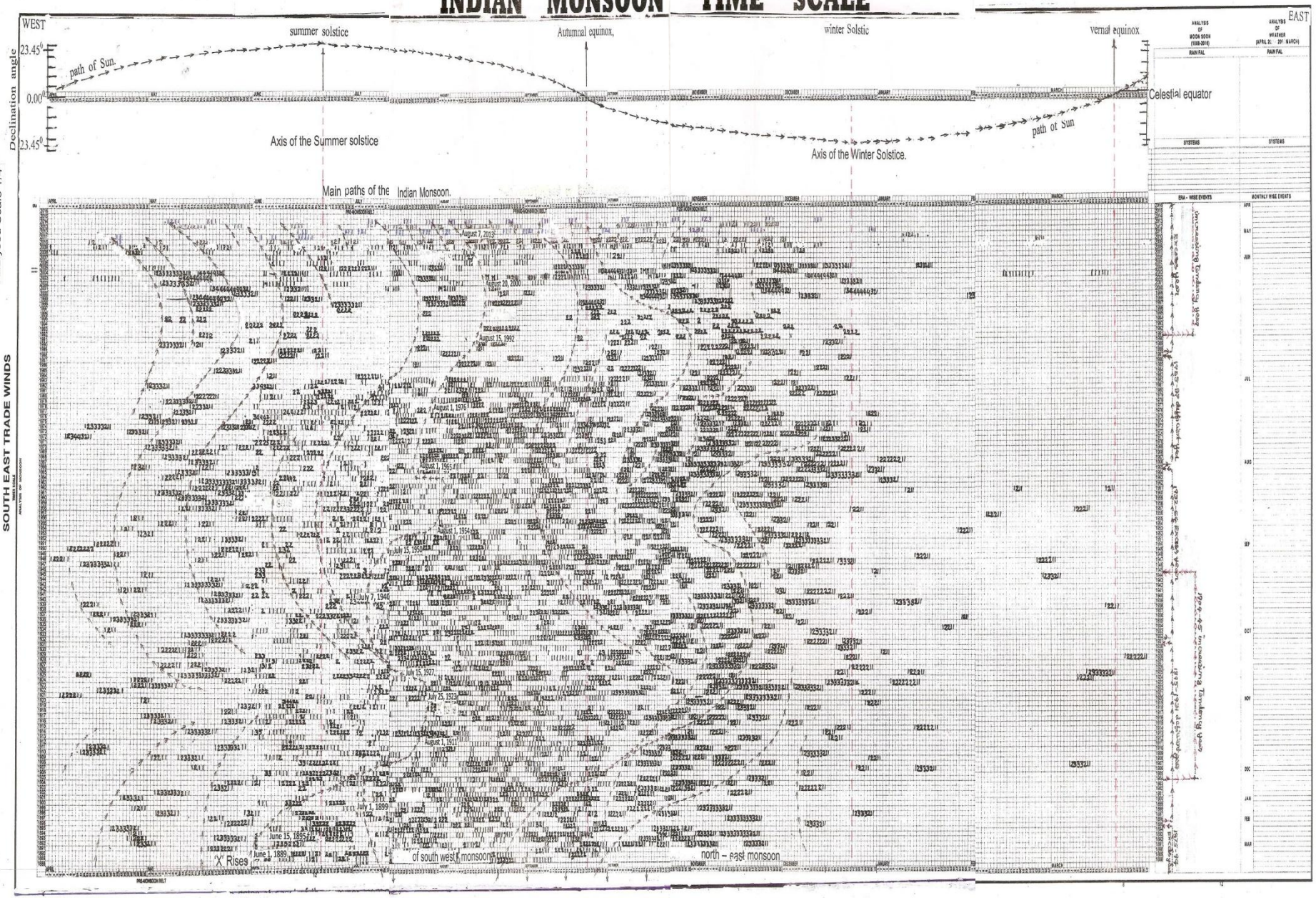
THE ITCZ SET FORTH OVER EQUATION
Trade Winds Converge at the ITCZ at i.e. a low pressure region at the equator
The ITCZ Moves north wards over the Indian region
The ITCZ passing over the Andhra Pradesh

# INDIAN MONSOON TIME SCALE



Basic Scale 1/4

# SOUTH EAST TRADE WINDS

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ANALYSIS OF SYSTEMS

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1888

WAY OF ERA

APRIL | MAY | JUNE | JULY

PRE-MONSOON BELT

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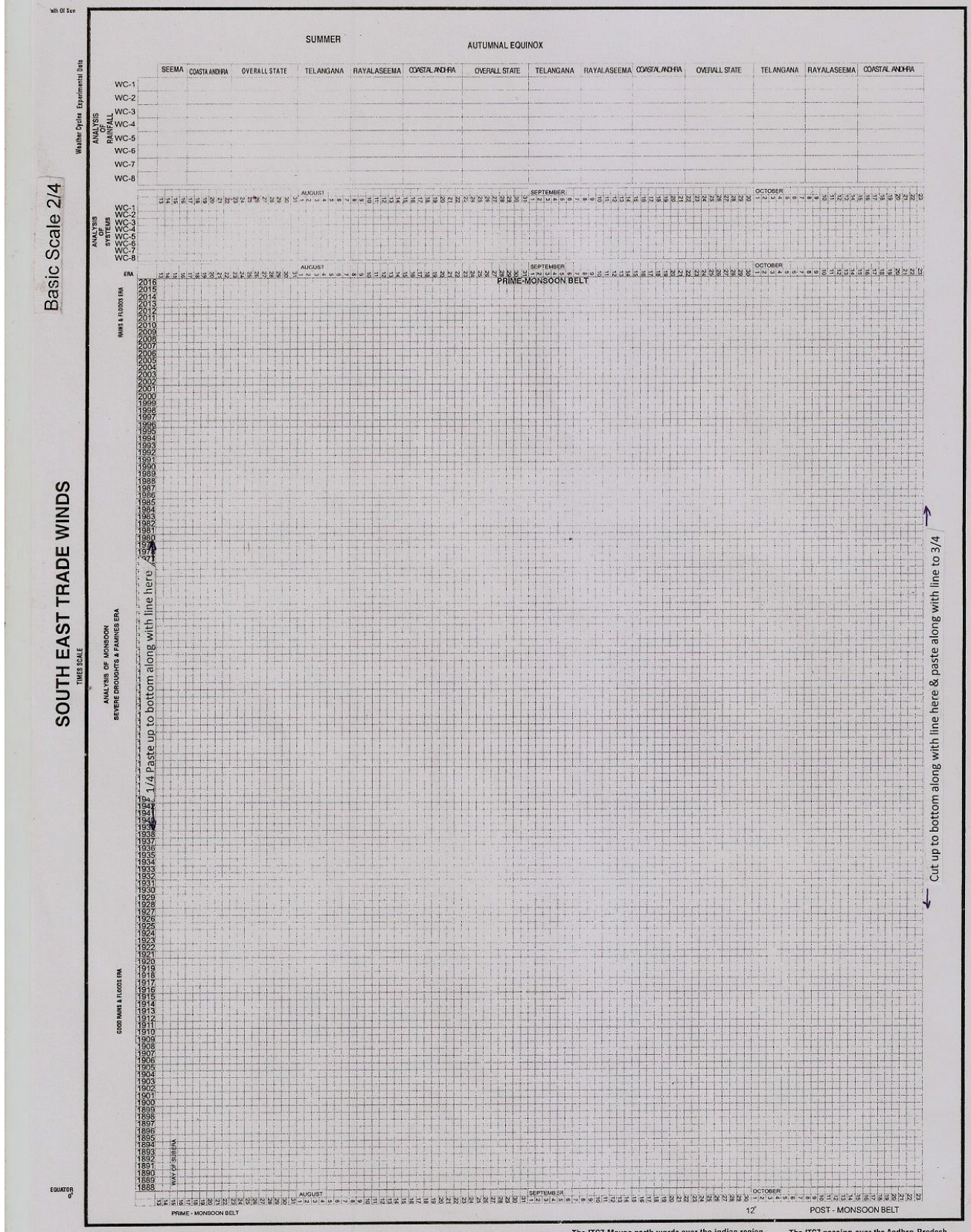
THE ITCZ SET FORTH OVER EQUATOR

Trade Winds Converge at the ITCZ of i.e. a low pressure region at the equator

The ITCZ Moves north wards over the indian region

The ITCZ passing over the Andhra Pradesh

# INDIAN WEATHER




THE ITCZ SET FORTH OVER EQUATOR

Trade Winds Converge at the ITCZ of i.e. a low pressure region at the equator

The ITCZ Moves north wards over the indian region

The ITCZ passing over the Andhra Pradesh

# TIMES SCALE

Basic Scale 3/4

AUTUMN | WINTER SOLSTIC | WINTER

OVERALL STATE | TELANGANA | RAYALASEEMA | COASTAL ANDHRA | OVERALL STATE | TELANGANA | RAYALASEEMA | COASTAL ANDHRA | OVERALL STATE | TELANGANA | RAYALASEEMA | COASTAL ANDHRA | OVERALL STATE | TEL

ANALYSIS OF RAINFALL — WC-1 WC-2 WC-3 WC-4 WC-5 WC-6 WC-7 WC-8

NOVEMBER | DECEMBER | JANUARY | FEBRUARY

ANALYSIS OF SYSTEMS — WC-1 WC-2 WC-3 WC-4 WC-5 WC-6 WC-7 WC-8

NOVEMBER | DECEMBER | JANUARY | FEBRUARY

ERA

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NOVEMBER | DECEMBER | JANUARY | FEBRUARY

Weather Cycles Experimental Data

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TIMES SCALE

SEVERE DROUGHTS & FAMINES ERA
ANALYSIS OF MONSOON

MAINS & FLOODS ERA

GOOD RAINS & FLOODS ERA

HEAVY RAINS & FLOODS ERA

EQUATOR

SOUTH EAST TRADE WINDS

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THE ITCZ SET FORTH OVER EQUATOR 4°

Trade Winds Converge at the ITCZ of i.e. a low pressure region at the equator 8°

The ITCZ Moves north wards over the indian region 12°

The ITCZ passing over the Andhra Pradesh

Basic Scale 4/4

# SOUTH EAST TRADE WINDS

Path Of Sun

Weather Cycles Experimental Data

TIMES SCALE

ANALYSIS OF MONSOON

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EQUATOR

SPRING

ANGANA | RAYALASEEMA | COASTA ANDHRA | OVERALL STATE | TELANGANA | RAYALASEEMA | COASTAL ANDHRA | OVERALL STATE

ANALYSIS OF RAINFALL

WC-1 WC-2 WC-3 WC-4 WC-5 WC-6 WC-7 WC-8

MARCH

ANALYSIS OF SYSTEMS

WC-1 WC-2 WC-3 WC-4 WC-5 WC-6 WC-7 WC-8

MARCH

ANALYSIS OF MOON SOON (1888-2016)

RAIN FAL

SYSTEMS

ANALYSIS OF WEATHER (APRIL 2008- 2009 MARCH)

RAIN FAL

SYSTEMS

ERA - WISE EVENTS

NORMAL RAINS & FLOODS ERA 2006 - 1931

THE INDIAN MONSOON HAS RAISED UP TO OCTOBER CREATES NORMAL RAINS & FLOODS

SEVERE DROUGHTS & FAMINES ERA 1966 - 2004

THE INDIAN MONSOON WAS FALLING UP TO SEPTEMBER & CREATES DROUGHT & FAMINES

GOOD RAINS & FLOODS ERA 1927 - 1965

THE INDIAN MONSOON WAS RAISING UP TO JULY & CREATES GOOD RAINS & FLOODS

DROUGHTS & FAMINES ERA 1901-1926

THE INDIAN MONSOON WAS FALLING UP TO AUGUST & CREATES DROUGHTS & FAMINES

HEAVY RAINS & FLOODS ERA 1871-1900

THE INDIAN MONSOON WAS RAISED UP TO JUNE CREATES HEAVY RAINS & FLOODS

MONTHLY WISE EVENTS

APR MAY JUN JUL AUG SEP OCT NOV DEC JAN FEB MAR

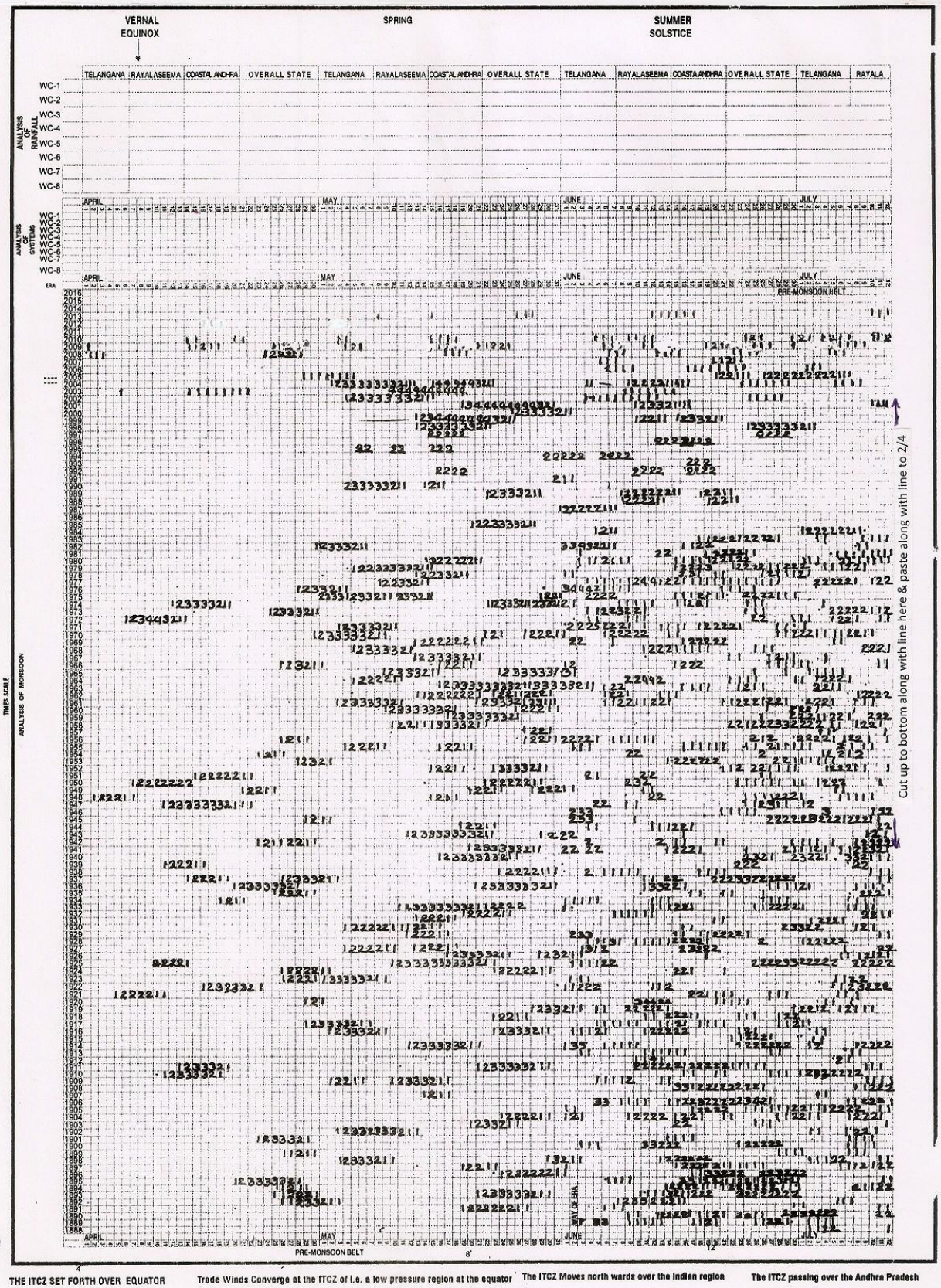
4 8 12

THE ITCZ SET FORTH OVER EQUATOR

Trade Winds Converge at the ITCZ of i.e. a low pressure region at the equator

The ITCZ Moves north wards over the indian region

The ITCZ passing over the Andhra Pradesh

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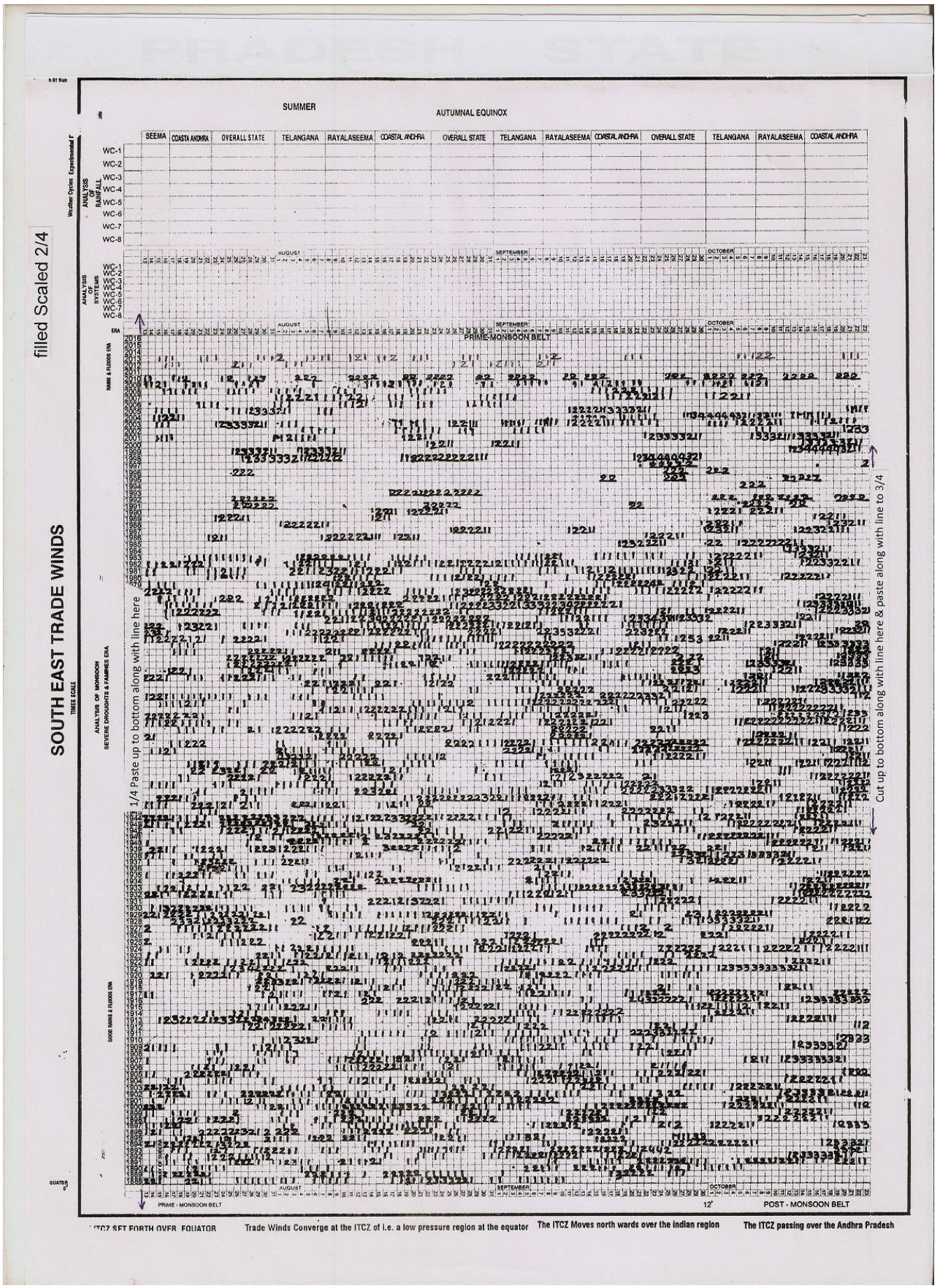
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SOUTH EAST TRADE WINDS
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WC-1
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AUGUST
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PRIME-MONSOON BELT
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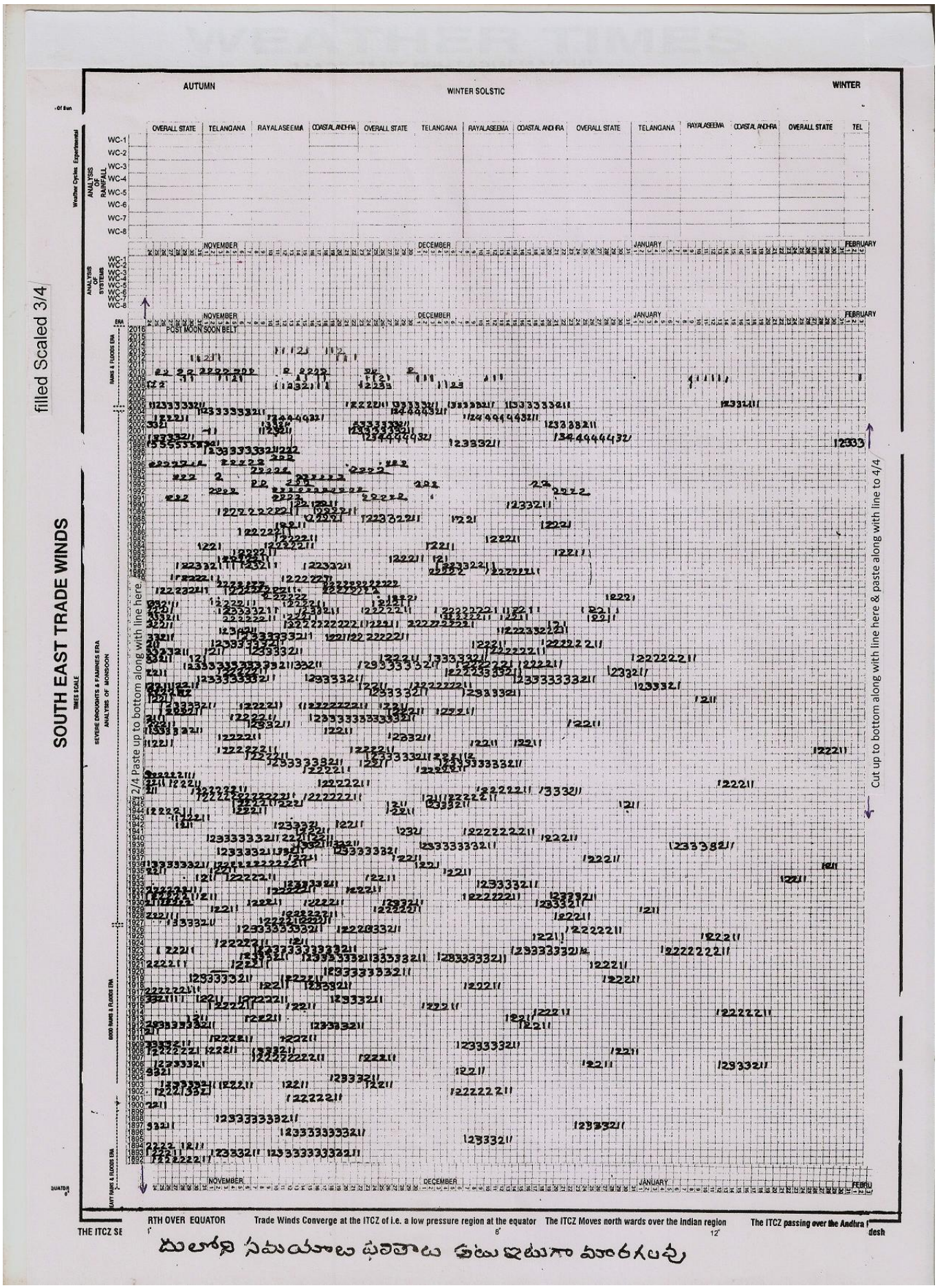
PRIME - MONSOON BELT
POST - MONSOON BELT
Trade Winds Converge at the ITCZ i.e. a low pressure region at the equator
The ITCZ Moves north wards over the Indian region
The ITCZ passing over the Andhra Pradesh

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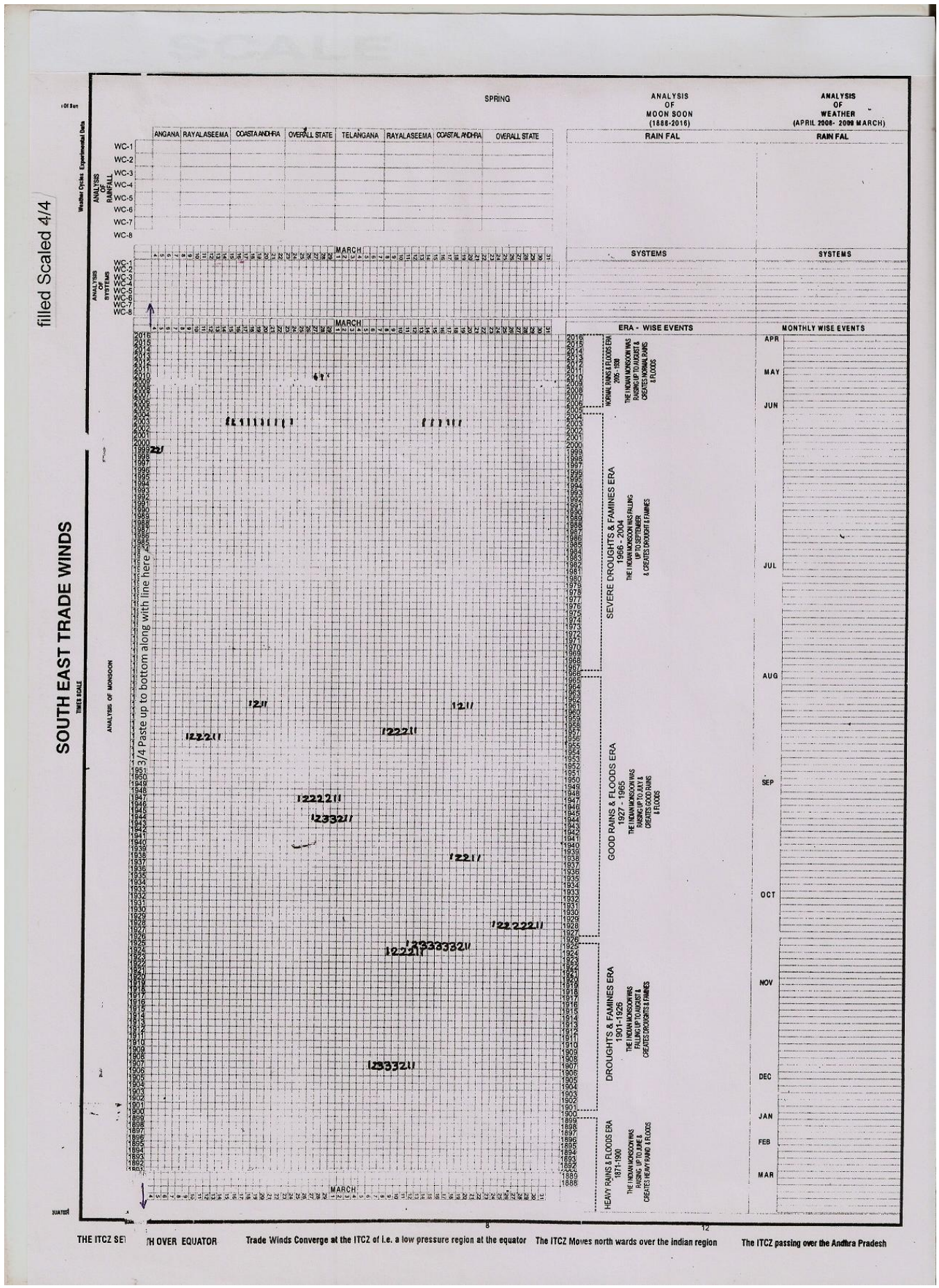
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SOUTH EAST TRADE WINDS
TIMES SCALE
ANALYSIS OF MONSOON
Weather Cycles Experimental Data
ANALYSIS OF RAIN FALL
ANALYSIS OF SYSTEMS
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OVERALL STATE
TELANGANA
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MARCH
ANALYSIS OF MOON SOON (1888-2016)
RAIN FAL
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MONTHLY WISE EVENTS
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THE INDIAN MONSOON WAS FALLING UP TO JULY & CREATES NORMAL RAINS & FLOODS
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THE ITCZ SET
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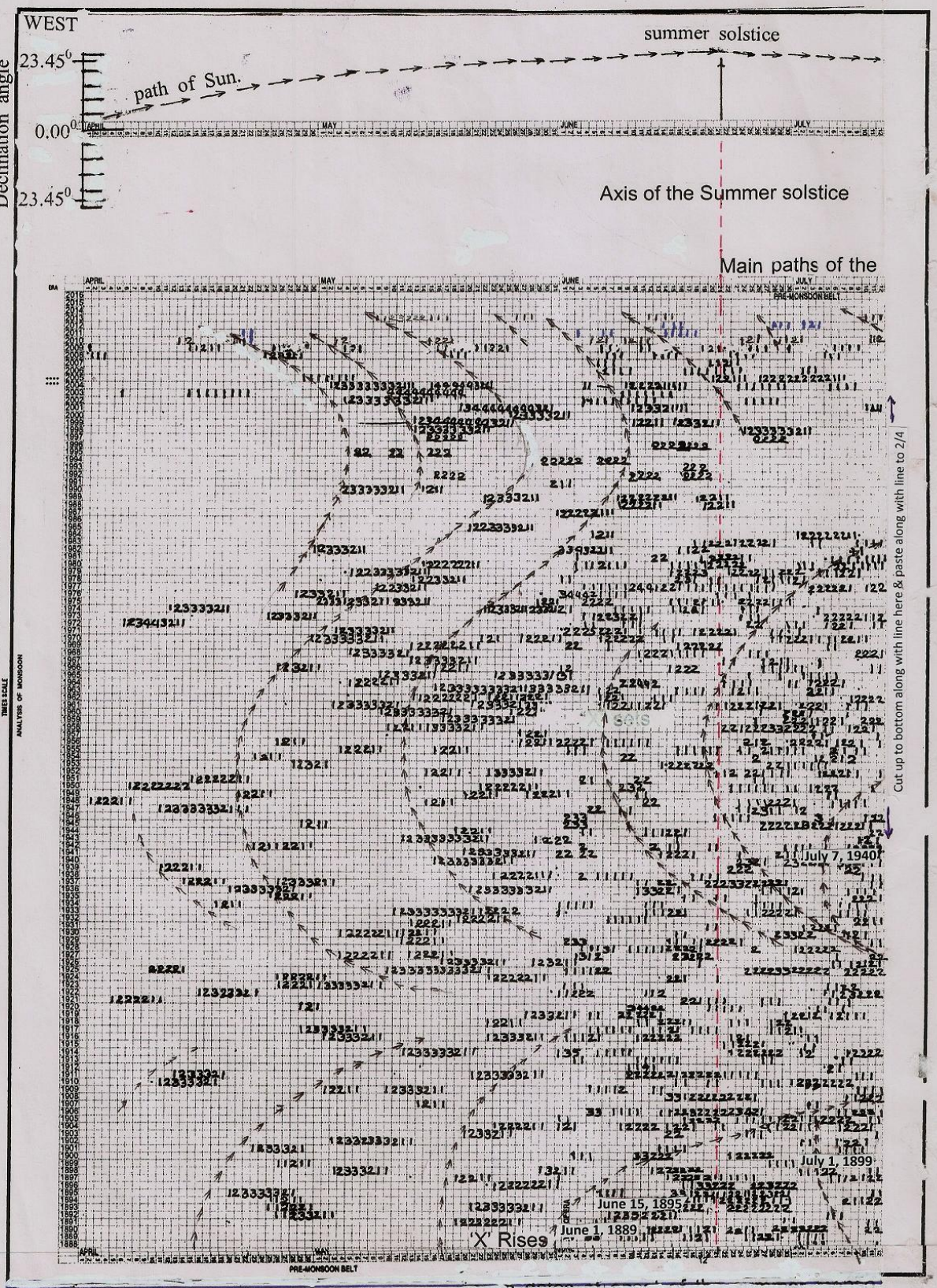
Trade Winds Converge at the ITCZ of i.e. a low pressure region at the equator
The ITCZ Moves north wards over the indian region
The ITCZ passing over the Andhra Pradesh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23.45⁰
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Analysed Scale 1/4
SOUTH EAST TRADE WINDS
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June 15, 1895
June 1, 1889
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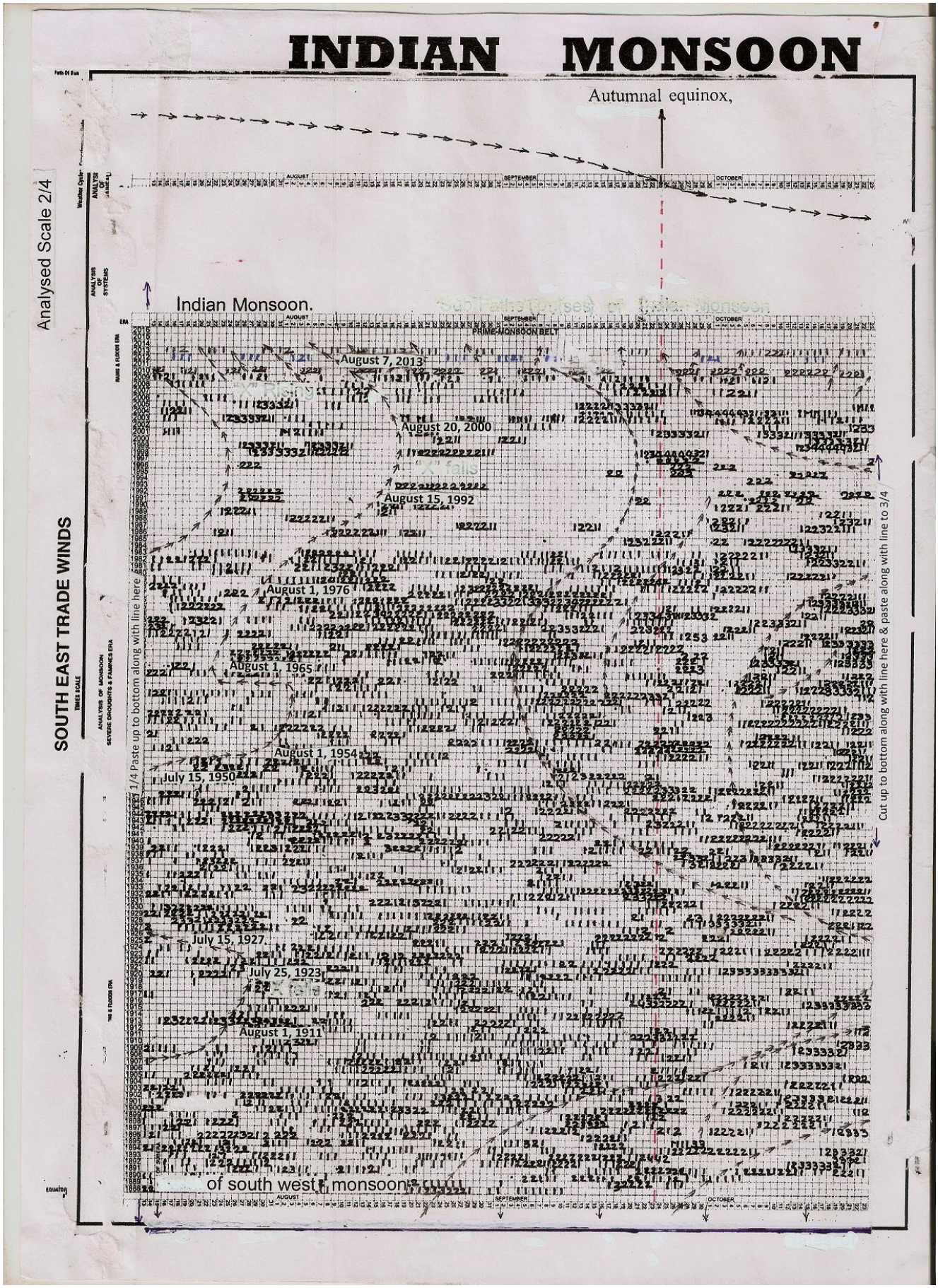
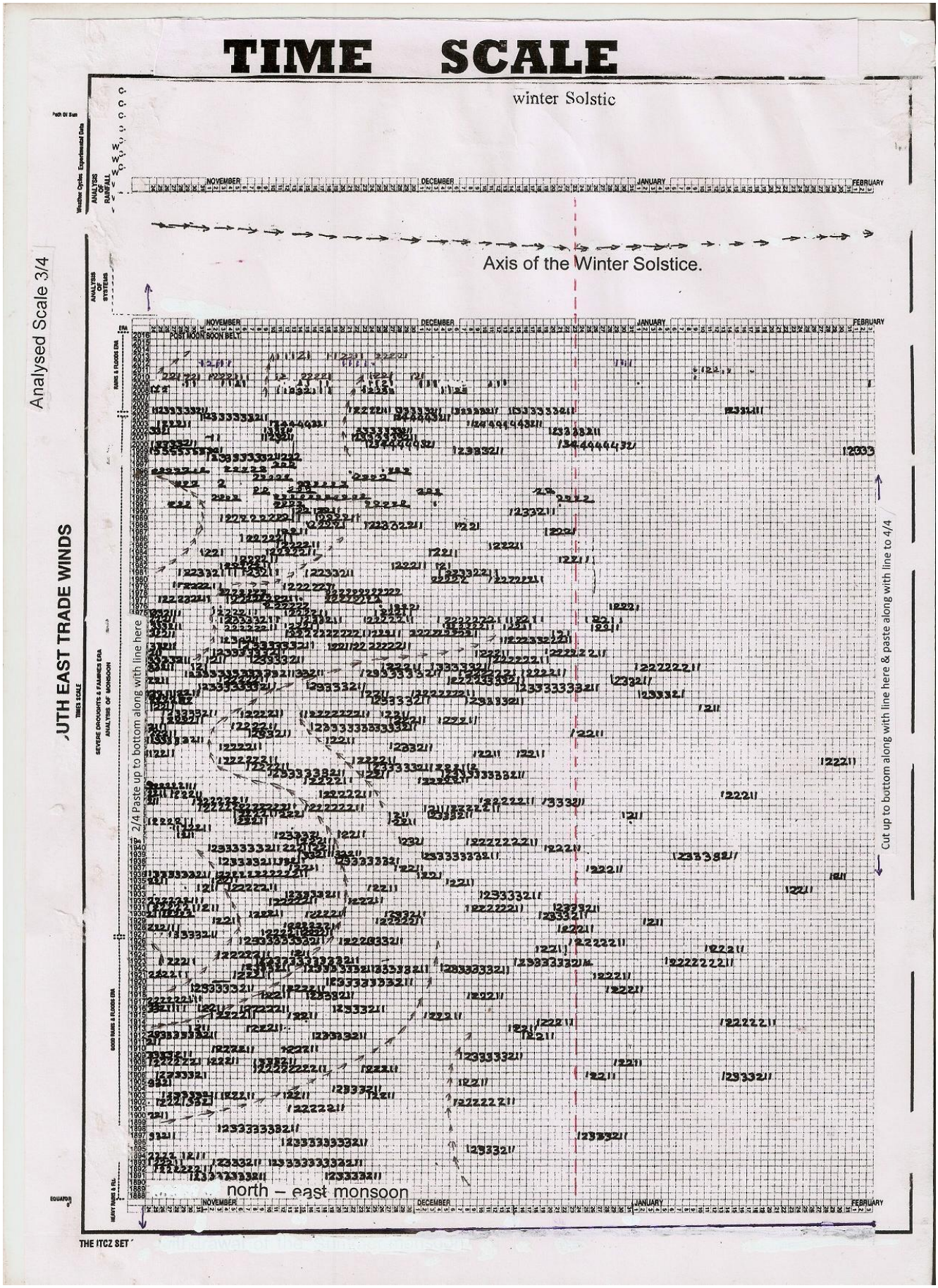
# INDIAN MONSOON



# TIME SCALE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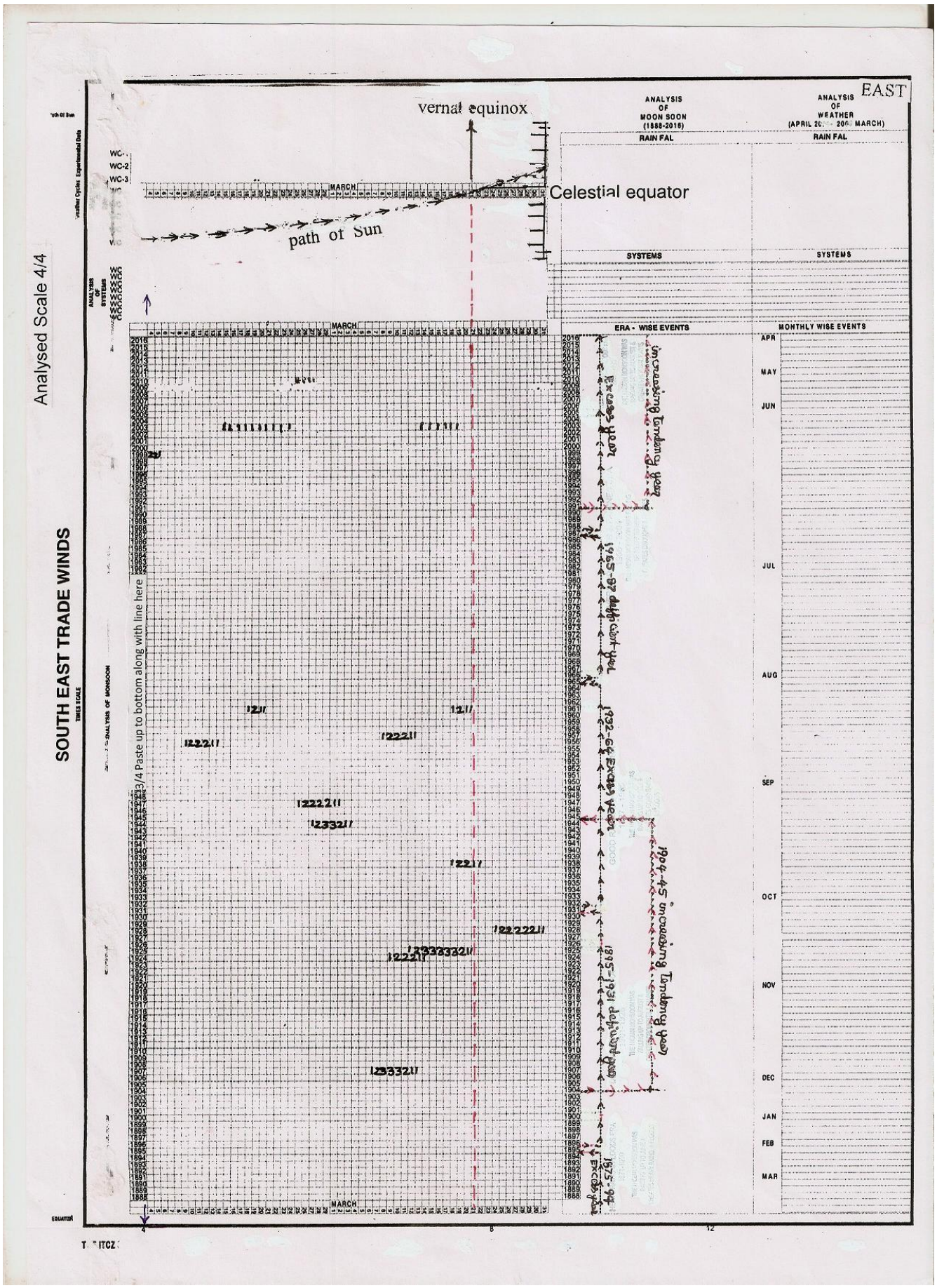
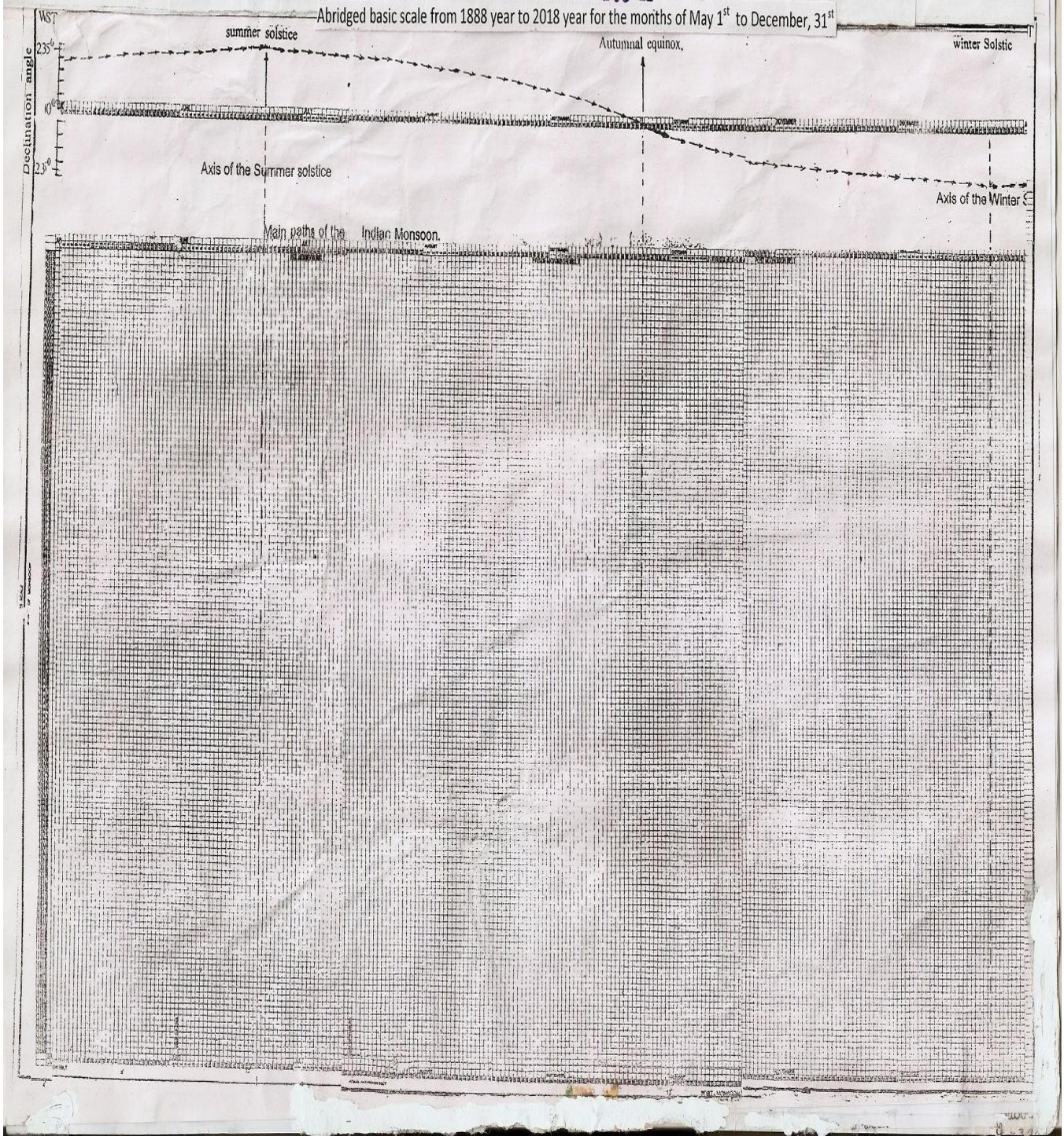
SOUTH EAST TRADE WINDS
THE ITCZ SET


EAST
vernal equinox
Celestial equator
path of Sun
ANALYSIS OF MOON SOON (1888-2016)
ANALYSIS OF WEATHER (APRIL 20[illegible] - 20[illegible] MARCH)
RAIN FAL
RAIN FAL
SYSTEMS
SYSTEMS
ERA - WISE EVENTS
MONTHLY WISE EVENTS
MARCH
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
JAN
FEB
MAR
Analysed Scale 4/4
SOUTH EAST TRADE WINDS
ANALYSIS OF MONSOON
TIMES SCALE
EQUATOR
T. "ITCZ
4
8
12
3/4 Paste up to bottom along with line here

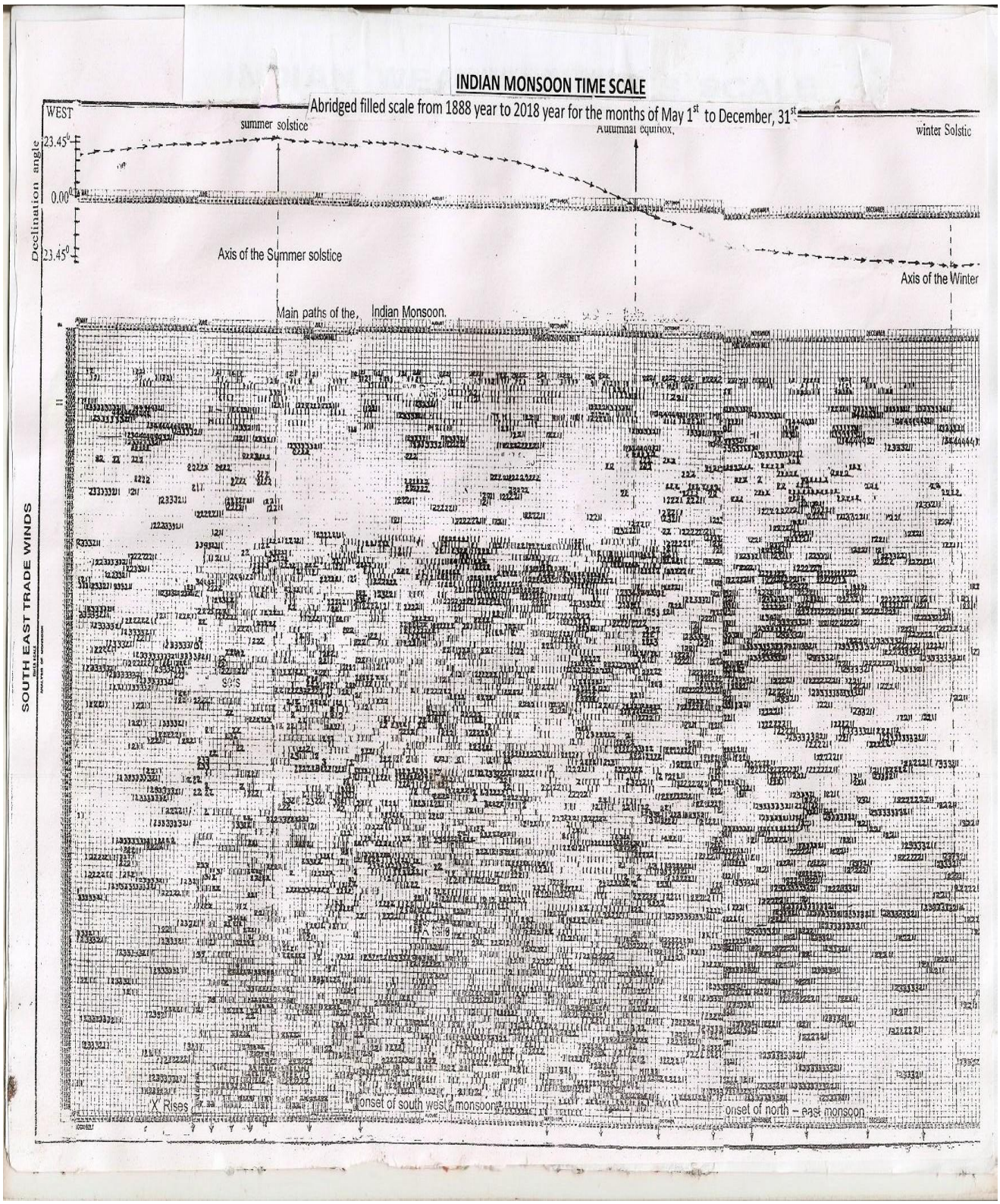
# INDIAN MONSOON TIME SCALE

Abridged basic scale from 1888 year to 2018 year for the months of May 1st to December, 31st



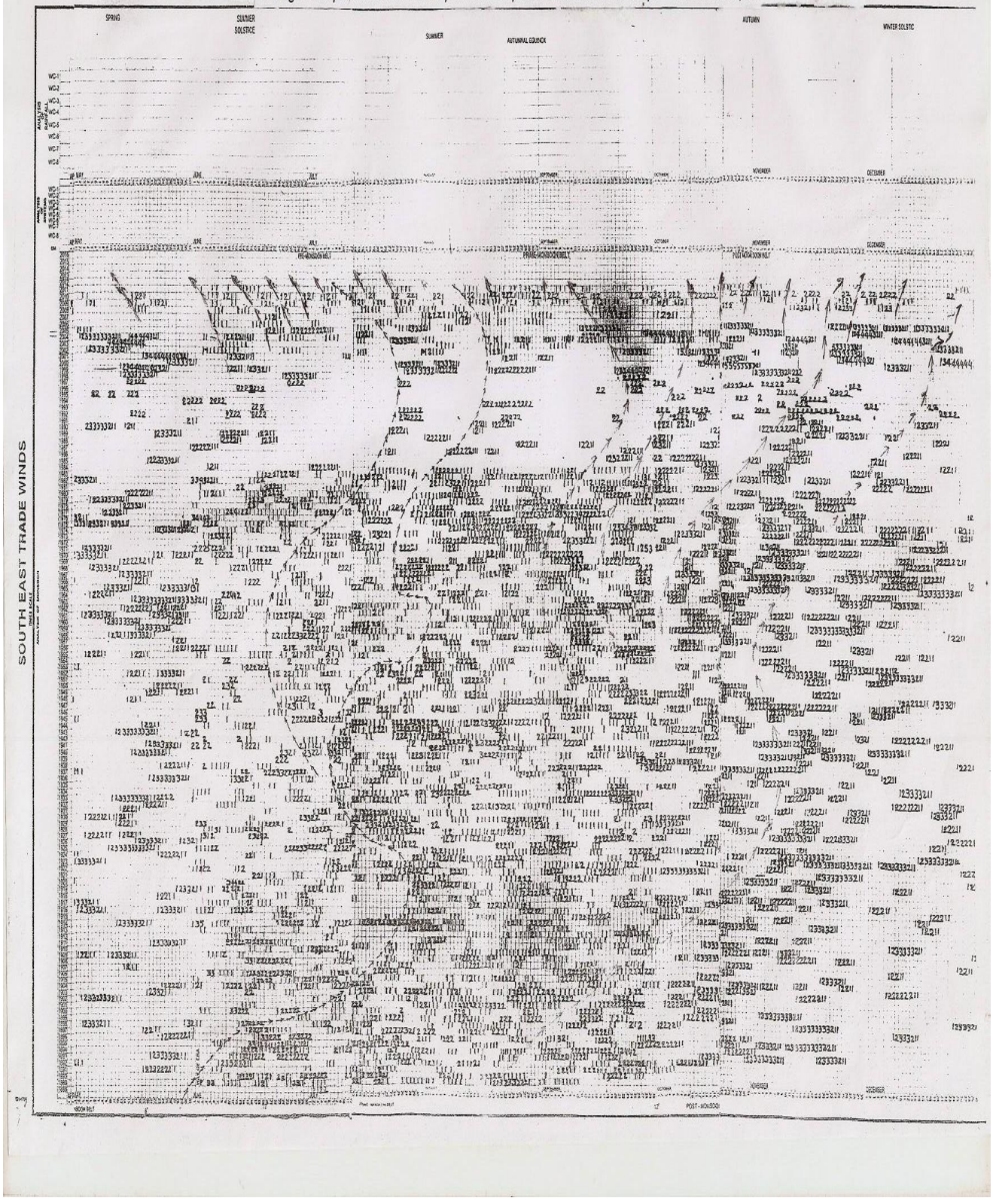
# INDIAN MONSOON TIME SCALE

Abridged filled scale from 1888 year to 2018 year for the months of May 1st to December, 31st



# INDIAN MONSOON TIME SCALE

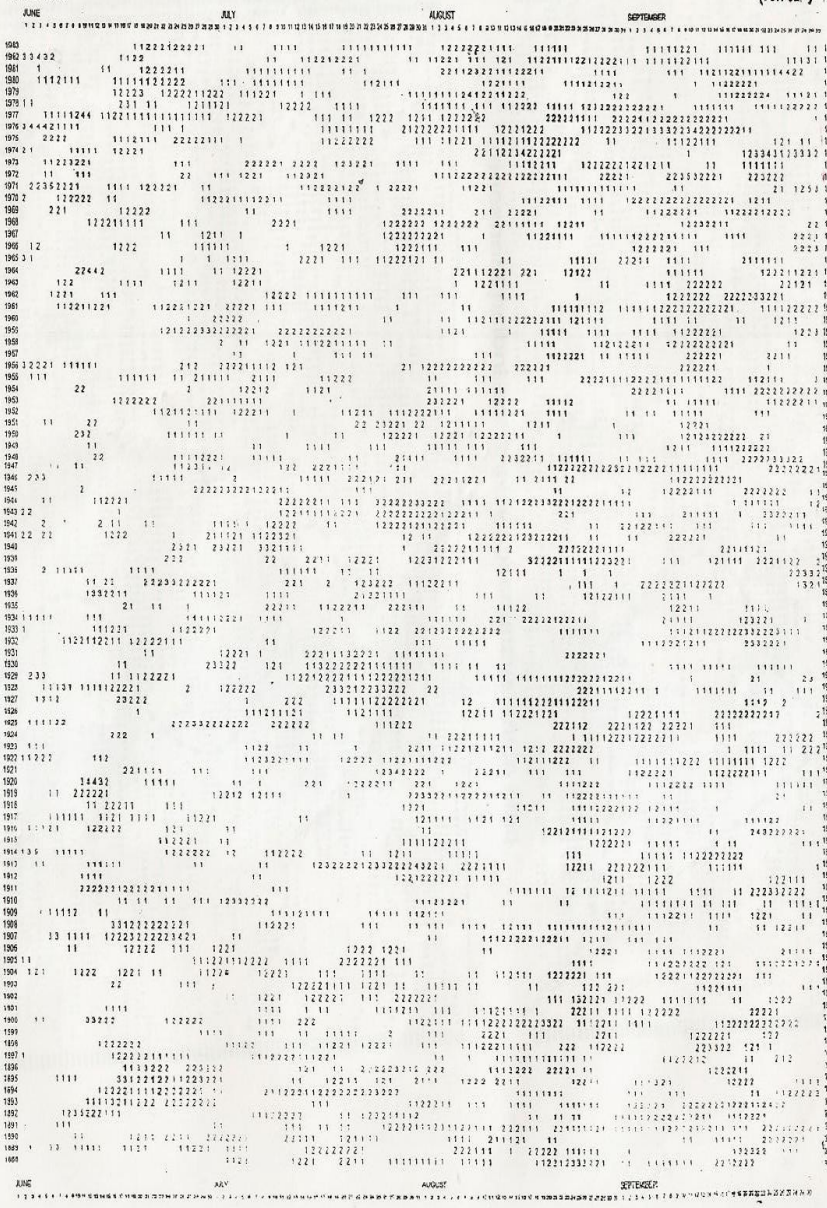
Abridged analysed scale from 1888 year to 2018 year for the months of May 1st to December, 31st



# MAP OF THE INDIAN MONSOON

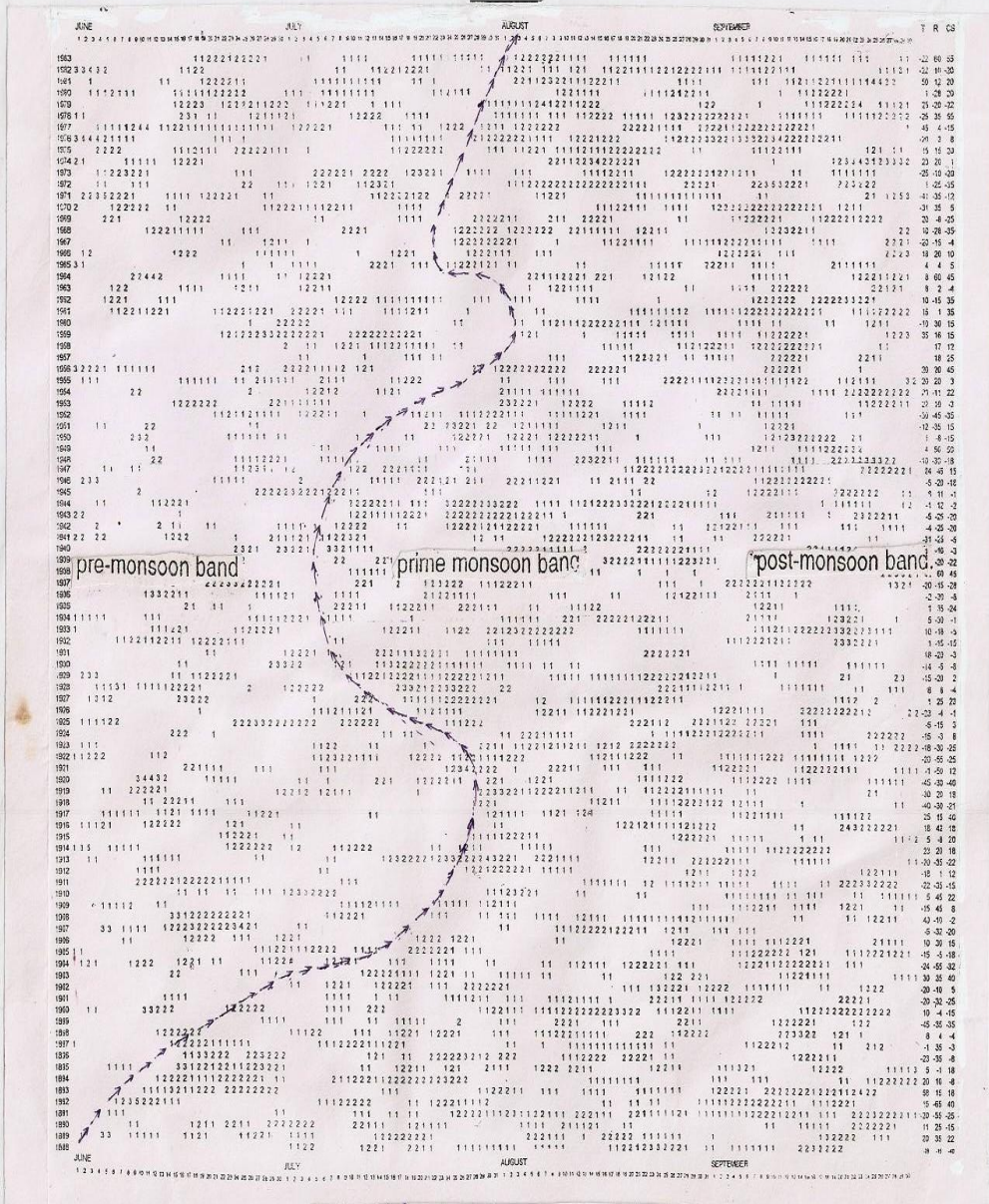
ANALYSIS OF Years (1888-1983)

ANALYSIS OF Month's (JUN:SEP)




Computerised basic scale from 1888 year to 1983 year for the months of 1st June to September, 31st.

# ANALYSIS




path of the systamatic cycle of the Indian Monsoon.

Computerised analysed scale from 1888 year to 1983 year for the months of 1st June to September, 31st.